



Alexander L. Ayzengart, MD, MPH, FACS, FASMBS  
Bariatric, Gastroesophageal & Robotic Surgeon  
Nevada Surgical Associates  
75 Pringle Way  
8<sup>th</sup> Floor | Suite 804  
Reno, NV 89502

## Education and Postgraduate Training

<b>Cedars-Sinai Medical Center, Los Angeles</b> Fellowship in Minimally Invasive Gastroesophageal & Bariatric Surgery	<b>07.2015 – 07.2016</b>
<b>University of California, Berkeley</b> Master of Public Health	<b>07.2008 – 06.2009</b>
<b>University of California, San Francisco</b> Global Health Sciences Clinical Scholars Program	<b>07.2007 – 06.2008</b>
<b>University of California San Francisco Medical Center</b> Residency in General Surgery	<b>06.2004 – 06.2011</b>
<b>University of Michigan Medical School, Ann Arbor</b> Doctor of Medicine <i>cum laude eruditionis causa</i>	<b>08.1999 – 06.2004</b>
<b>University of Michigan, Ann Arbor</b> Bachelor of Science in Microbiology	<b>04.1995 – 05.1999</b>

## Military Service

<b>Lieutenant Commander, Medical Corps, US Navy</b> Commissioned Staff Officer	<b>08.2009 – 08.2017</b>
---	--------------------------

- Participated in multiple international deployments to establish forward surgical capabilities in resource-constrained and combat settings

- Team leader and military trauma instructor for the first multinational mass casualty drill aboard the hospital ship USNS Mercy during Rim of the Pacific War Exercises in 2014
- Navy and Marine Corps Commendation Medal for Meritorious Service – 2013

## Professional Experience

<b>Nevada Surgical Associates, PC</b> Staff General, Robotic, Foregut, & Bariatric Surgeon	<b>06.2022 – present</b>
<b>University of Florida Health, Gainesville</b> Assistant Professor, Department of Surgery Gastroesophageal, Bariatric, & Hernia Surgery	<b>08.2016 – 05.2022</b>
<b>US Naval Hospital, Camp Pendleton</b> Staff General Surgeon, Department of Surgery	<b>09.2013 – 11.2014</b>
<b>US Naval Hospital, Yokosuka, Japan</b> Staff General Surgeon, Department of Surgery Department Head, Division of General Surgery	<b>09.2011 – 08.2013</b>

## Academic Highlights and Teaching Experience

<b>University of Florida Health, Gainesville</b>	<b>08.2016 – 05.2022</b>
<ul style="list-style-type: none"><li>➤ President-Elect of Florida, Puerto Rico, &amp; the Caribbean State Chapter of American Society for Metabolic and Bariatric Surgery (2020-2022)</li><li>➤ Co-Chair of Florida Robotic Initiative for Development and Assessment – statewide multi-institutional academic collaboration on robotic education and research (2019)</li><li>➤ Co-Chair of UF Robotic Steering Committee (2020-2022)</li><li>➤ Founding member of UF Pediatric and Adolescent Bariatric surgery program</li><li>➤ Founding member of UF Foregut/GI/Lung Transplant collaborative</li><li>➤ Organizer and featured speaker at the joint UF Health College of Medicine and FL ASMBS CME Webinar on “Current State of Pediatric Obesity” (5/2021)</li><li>➤ Co-organizer and featured speaker at the UF Health Cancer Center CME Webinar on “Current Trends in the Management of Gastroesophageal Cancers” (10/2020)</li></ul>	

- Featured speaker at the 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> International “Odrex” Bariatric Conferences in Odessa, Ukraine (9/2019, 9/2020 and 9/2021)
- UF Surgery interest group faculty advisor, small group faculty instructor, PGY 1-5 lecture series instructor
- Departmental Grand Rounds presentations on Bariatric surgery, Gastroesophageal cancer, and Robotic surgery at University of Florida, Mercy Health – St. Vincent (Toledo, OH), and Bar Ilan University (Ramat Gan, Israel)

**US Naval Hospital, Yokosuka, Japan**

**09.2011 – 08.2013**

- Faculty advisor for Japanese surgical residents
- ATLS instructor for Navy Medicine

**University of California, Berkeley**

**06.2008 – 08.2008**

- Graduate student instructor in Human Anatomy
- Guest lecturer & cadaver prosector

**Research Experience**

**University of Florida Health, Gainesville**

**08.2016 – 05.2022**

Divisions of Gastrointestinal Surgery and Thoracic Surgery, Department of Surgery Lung Transplant Program, Division of Pulmonary Medicine, Department of Medicine

- “Laparoscopic Toupet fundoplication as a treatment of GERD in lung transplant recipients” – study on effectiveness of laparoscopic partial posterior fundoplication on esophageal exposure to acid, gastric emptying, and lung function in lung transplant recipients
- Principal Investigator: Alexander Ayzengart, MD MPH

Division of Gastrointestinal Surgery, Department of Surgery and Myology Institute, Department of Physical Therapy

- “Cancer cachexia in patients with esophagogastric tumors” – study on molecular and histologic mechanisms of cachexia in surgical patients with esophagogastric adenocarcinoma

- Principal Investigator: Alexander Ayzengart, MD MPH; Co-Principal Investigators: Andrew Judge, PhD; Ziad Awad, MD

Division of Transplantation and Hepatobiliary Surgery, Department of Surgery

- “Novel pathways in pathogenesis and pathophysiology of non-alcoholic fatty liver disease in Hispanics” – study on etiology of health disparity in non-alcoholic fatty liver disease and its underlining epidemiologic, cellular, and molecular mechanisms
- Principal Investigator: Ali Zarrinpar, MD PhD; Co-Principal Investigator: Alexander Ayzengart, MD MPH

Center for Cognitive Aging and Memory, Department of Aging and Geriatric Research

- “The Weight loss Intervention Surgical Effects (WISE)” – study on effects of bariatric surgery on brain function, memory, and thinking ability in adults
- Principal Investigator: Ronald Cohen, PhD

### **University of California San Francisco**

**2006 – 2010**

Global Partners in Anesthesia and Surgery, UCSF Global Health Sciences

- Founding member of “Global Partners in Anesthesia and Surgery” - non-profit organization created to address disparity in resources for surgical care, training, and research in Sub-Saharan Africa ([www.globalpas.org](http://www.globalpas.org)).
- 1) Pre-hospital trauma training program for first responders in Uganda.
- 2) Healthcare workforce crisis research and analysis for World Bank study.
- Research Advisors: Diana Farmer, MD; Doruk Ozgediz, MD MSc

### **University of Michigan Medical Center, Ann Arbor**

**2000 – 2003**

Craniofacial Anomalies Program, Division of Plastic and Reconstructive Surgery

- 1) Investigation of cellular and molecular mechanisms regulating suture morphogenesis using an *in vitro* model of force-induced craniosynostosis.
- 2) Examination of distraction osteogenesis following radiation therapy of a rat mandible, as an option in oncologic reconstruction.
- Research Advisors: Steven Buchman, MD; Christi Cavaliere, MD

### **University of Michigan, Ann Arbor**

**1996 – 1999**

Neuroscience and Biopsychology Programs, Department of Psychology

- Study of environmental influence on changes in specific patterns of gene expression in the neural circuitry of rats engaged by psychostimulant drugs.
- Research Advisors: Terry Robinson, PhD; Aldo Badiani, MD

## Chapters, Publications, Presentations, and Abstracts

1. Herremans KM, Brown JC, Ayzengart AL. Chapter - "Esophagogastric Junction Outlet Obstruction" in *The SAGES Manual of Foregut Physiology: Diagnostic Evaluation and Management*, submitted for publication.
2. Oberhofer HM, Cuellar TA, Mast BA, Ayzengart AL. "Guidelines for body contouring surgery in bariatric adolescent patients." *Surg Obes Relat Dis*, submitted for publication.
3. Falasa M, Ayzengart A, Walters M, Liu X, Oduntan O. "Carcinoma cuniculatum of the esophagus – diagnostic and treatment dilemma." *Arch Clin Gastroenterol*, 6(2), August 2020.
4. Loftus TJ, Filiberto AC, Balch J, Ayzengart AL, Tighe PJ, Rashidi P, Bihorac A, Upchurch GR. "Intelligent, autonomous machines in surgery." *J Surg Res*, 253, August 2020.
5. Qumseya BJ, Qumsiyeh Y, Ponniah S, Estores D, Yang D, Johnson-Mann CN, Friedman J, Ayzengart A, Draganov PV. "Barrett's esophagus after sleeve gastrectomy: a systematic review and meta-analysis." *Gastrointest Endosc*, in-press, August 2020.
6. Amaris MA, Patel VJ, Kadle N, Ayzengart AL, Machuca T, Pelaez A. "Transcutaneous electrical stimulation jumpstarts gastric emptying in lung transplant patients with moderate to severe gastroparesis." *Gastroenterology*, 158(6), April 2020.
7. Qumseya B, Gendy S, Wallace A, Yang D, Estores D, Ayzengart AL, Draganov P. "Prevalence of Barrett's esophagus in obese patients undergoing pre-bariatricsurgery evaluation: a systematic review and meta-analysis." *Endoscopy*, 52(7), April 2020.
8. Jacobs C, Banerjee D, Westerveld D, Ayzengart AL, Draganov P, Yang D. "Endoscopic sleeve gastrectomy versus laparoscopic sleeve gastrectomy: a meta-analysis." *Am J Gastroenterol*, 114(Suppl), September 2019.
9. Jawaid S, Ayzengart AL, Draganov P, Yang D. "Endoscopic stent placement and suturing for the management of a disconnected Roux limb after bariatric surgery." *Gastrointest Endosc*, 4(12), December 2019.
10. Fernando HJ, Cohen RA, Gullett JM, Friedman J, Ayzengart A, Porges E, Woods AJ, Gunstad J, Ochoa CM, Cusi K, Gonzalez-Louis R, Donahoo WT. "Neurocognitive deficits in a cohort with class 2 and class 3 obesity: contributions of type 2 diabetes and other comorbidities." *Obesity*, 27(7), July 2019.
11. Baumann AJ, Mramba LK, Hawkins RB, Carpenter AM, Fleisher MS, Ayzengart AL,

- Estores DS Jr. "Endoscopic dilation of bariatric RNY anastomotic strictures: a systematic review and meta-analysis." *Obes Surg*, 28(12), December 2018.
12. Hawkins RB, Stortz J, Ayzengart A, Friedman J. "Laparoscopic sleeve gastrectomy improves cardiac function for a heart failure patient requiring left ventricular assist device support." *Surg Obes Relat Dis*, 14(11), S143, November 2018.
  13. Hawkins RB, Go K, Raymond SL, Ayzengart A, Friedman J. "Laparoscopic sleeve gastrectomy in patients with heart failure and left ventricular assist devices as a bridge to transplant." *Surg Obes Relat Dis*, 14(9), September 2018.
  14. Hawkins RB, Dessaigne CG, Ayzengart AL. "LINX device after laparoscopic sleeve gastrectomy: a cautionary tale." SAGES 2018.
  15. Carpenter AM, Ayzengart A. "Isolated left portal vein thrombus after laparoscopic sleeve gastrectomy." SAGES 2018.
  16. Choi M, Burch M, Ayzengart A. "Laparoscopic segmental duodenectomy with duodenojejunostomy for a non-ampullary duodenal adenoma with low grade dysplasia." *Gastroenterology*, 152(5), April 2017.
  17. Takahashi H, Puttler KM, Hong C, Ayzengart AL. "Sigmoid colon penetration by an intrauterine device: a case report and literature review." *Mil Med*, 179(1), January 2014.
  18. Deshpande SS, Monson LA, Cavaliere CM, Ayzengart AL, Buchman SR. "Distraction osteogenesis following low dose hyperfractionated irradiation in the rat mandible." *J Oral Maxillofac Surg*, 78(8), August 2013.
  19. Monson LA, Cavaliere CM, Deshpande SS, Ayzengart AL, Buchman SR. "The effects of high dose and highly fractionated radiation on distraction osteogenesis in the murine mandible." *Radiat Oncol*, Vol 7, September 2012.
  20. Jayaraman SP, Ayzengart AL, Goetz LH, Ozgediz D, Farmer DL. "Global health in general surgery residency: a national survey." *J Am Coll Surg*, 208(3), March 2009.
  21. Ozgediz D, Wang J, Jayaraman S, Ayzengart A, et al. "Surgical training and global health: initial results of a 5-year partnership with a surgical training program in a low-income country." *Arch Surg*, 143(9), September 2008.
  22. Warschausky S, Angobaldo J, Kewman D, Buchman S, Muraszko KM, Ayzengart A. "Early development of infants with untreated metopic craniosynostosis." *Plast Reconstr Surg*, May 2005.
  23. Buchman SR, Ayzengart A, Lynch JB, Cavaliere CM. "The effect of high dose radiation on distraction osteogenesis (DO) in the rat mandible." *J Am Coll Surg*, 197(3), September 2003.

24. Cavaliere CM, Ayzengart A, Lynch JB, Buchman SR. "Distraction osteogenesis in the radiated mandible: Efficacy in post oncologic reconstruction." *J Am Coll Surg*, 197(3), September 2003.
25. Rhee ST, Stad S, Ayzengart A, Buchman SR. "Force-induced cranial suture fusion results in differential expression of TGF-Beta 2 and 3." *Surgical Forum*, Vol. LII, October 2001.
26. Rhee ST, Stad S, Ayzengart A, Buchman SR. "Apoptotic regulation of a force-induced murine model of craniosynostosis." *Surgical Forum*, Vol. LII, October 2001.
27. Rhee ST, Stad S, Ayzengart A, Goldstein SA, Buchman SR. "The regulatory role of apoptosis during force-induced calvarial suture fusion." *Plastic Surgery Research Council Scientific Forum*, June 2001.

### Honors and Awards

- Faculty Teaching Award – University of Florida Department of Surgery (2020)
- Exemplary Teacher Award – University of Florida College of Medicine (2019 – 2021)
- Chief Resident Teacher of the Year Award – UCSF Department of Surgery (2011)
- Junior Resident Teacher of the Year Award – UCSF Department of Surgery (2006)
- Excellence in Surgery as Student Award – University of Michigan Medical School (2003)
- Certificate of Research Excellence – UMMS Student Biomedical Research Program (2000)
- University of Michigan Medical School Biomedical Research Fellowship Grant (2000)

### Licensure, Certifications, and Professional Memberships

- Active medical license in the State of Nevada
- American Board of Surgery certification (2012 – present)
- Fellow of American College of Surgeons and Fellow of American Society for Metabolic and Bariatric Surgery
- Committee member of SAGES, SSAT, Florida chapter of ACS, Florida chapter of ASMBS
- Active member of ASMBS, American Foregut Society, Americas Hernia Society, and Naffziger Surgical Society
- *Ad hoc* reviewer for Florida chapter of American College of Surgeons, "Surgical Endoscopy" journal, and "Obesity Surgery" journal
- UCSF Advanced Videoscopic Surgery, Fundamentals of Laparoscopic Surgery, da Vinci Robotic-Assisted Surgery Certificate
- ATLS Instructor, ACLS, BLS, Hospital Incident Command System (HICS)